Screencast: [how-to-connect.webm](#) or [how-to-connect.mp4](#) (shows Microsoft Windows, Linux, and macOS)

Course Server Info:

> Hostname: csci351.cs.montana.edu
> Username: $YOUR-NETID
> Password: $YOUR-NETID-PASSWORD

Student VMs are only accessible from the course server, so... from the command prompt on the course server you can run the ssh command.

Student VM Info:

> Hostname: kvm-$YOUR-LAST-NAME
> Username: root
> Password: $YOUR-BANNER-ID-NUMBER

> If you are not sure what your Banner ID number is, it is also called a GID. It is the 8-digit number found on your MSU student ID card. The dash (-) at the beginning is NOT part of the password.

EXAMPLE:

> On your local system - open up the system supplied terminal and run the system supplied OpenSSH client. Microsoft Windows 10, macOS and Linux all provide the OpenSSH ssh client. From the command prompt you run the ssh command like so:

> > ssh a12b345@csci351.cs.montana.edu

> Be sure and replace a12b234 with your own netid. If you have not connected to the course server before it will display and ask you to accept the course server fingerprint / key. Type "yes" and hit enter. It will prompt you for your password. Type in your netid password and hit enter. Assuming you authenticated correctly, your prompt should look similar to:

> > [a12b345@csci351 ~]$

> You are now on the course server and in the prompt it'll show your netid rather than the example one shown above. From the course server you can run the ssh command to login to your student VM.

> > [a12b345@csci351 ~]$ ssh root@kvm-$LASTNAME (Example: ssh root@kvm-dowdle)

> Be sure to replace $LASTNAME with your last name in all lowercase letters. As mentioned above, if you haven't connected before, it'll display and ask you to accept the system fingerprint / key for your student VM. Type "yes" and hit enter. It'll then prompt for the password. Assuming you authenticated correctly, your prompt should look similar to:

> > [root@kvm-123 ~]#

> Success.

How to logout?

To logout, you can type `logout` or `exit` and hit enter... or hit `control-d` (^D) on a blank line. That will cleanly disconnect you from the system and you will be returned to the system came from. So if you logout of your student VM, you'll be returned to the course server. Logout from the course server and you'll be returned to the local system.

Want more details?

If you want to learn more about using ssh, ssh keys, host configuration, etc... here's an optional 90 minute OpenSSH Guide:
https://www.youtube.com/watch?v=YS5Zh7KExvE